PTO/SB/05 (03-01) 002. OMB 0651-0032 ENT OF COMMERCE OMB control number.

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PATENT APPLICATION TRANSMITTAL Method and System for a Multi-Channel Add-Compare-Select Unit L. Special Compares Select Unit L. Special	UTILITY	Attorney	/ Docket No.	X-1455 US		
TRANSMITTAL Title Method and System for a Multi-Channel Add-Compare-Select Unit Call Depress National applications under 37 CFR 1.53(b) Depress National Applications under 37 CFR 1.53(b) Depress National Applications Depress National Applications Depress National Applications Depress		ON First Inventor		William A. Wilkie		-
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. ADDRESS TO: Commissioner for Patents ADDRESS TO: Commissioner for Patents ADDRESS TO: ADDRESS TO: Commissioner for Patents ADDRESS TO: Commissioner for Patents ADDRESS TO: Commissioner for Patents ADDRESS TO: Commissioner for See the Membra Application ADDRESS TO: Commissioner for patents ADDRESS TO: Commissioner for for for for for for for for for fo		Title Method and System for a Multi-Channel Add-Compare-Select Un			r PTC	
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate (large table or Computer Program (Appendix) (Incompose the form of the processing) (Incompose the form of the processing of the proce	(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express (Mail Label No.	EV 000334	1176 US	到
Submit at original, and a suplication for the photosching 29 1		contents.	ADDRESS	P.O. Box 1450; Ma	ail Stop Patent Application	2388
Computer samagement set forth below) Computer Season Compute	1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		6(
- Coos Reference to Bealand Applications - Statement Regarding feet appointed in Part of the Discourse of the Internation of the Discourse of the Discourse of the Internation of the Discourse of the Internation of the Discourse of Disco	(preferred arrangement set forth below)	29 i			Sequence Submission	
Copy from a prior application (Prior Investrion Signed Statement attached deleting Inventor(s) named in the prior application base State Name 13 CFR 1.76	 Cross References to Related Applications Statement Regarding Fed sponsored R & D 			cifiat <u>ion</u> Sequence List	ing on:	
ACCOMPANYING APPLICATION PARTS	- Background of the Invention		с. 🔲	ii. 🔲 paper		
- Claim(s) - Abstract of the Disclosure - Total Pages - O1	- Brief Description of the Drawings (if filed)		ACCOM	PANYING APPLICA	ATION PARTS	
9. 37 CFR 3.73(b) Statement Power of Attorney 3. X	- Claim(s)		8. X	Assignment Papers (co	ver sheet & document(s))	
4. Oath or Declaration Total Pages O1 1 1 1 1 1 1 1 1			9. 🔲 3	37 CFR 3.73(b) Statem when there is an assig	ent Power of Atte	orney
a. X Newly Executed (original or copy) a. X Newly Executed (original or copy) b. Copy from a prior application (37 CFR §1.63(d))		09	10. 🔲 E	nglish Translation Doc	ument (if applicable)	•
12.		01				DS
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. X Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.78: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUIATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an earth or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or discional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 24309 (reset Quistomer No. or Altach bar code label here) or Correspondence address below Irrest Quistomer No. or Altach bar code label Fax 408-377-6137 Name Prior type Kim Kanzaki Registration No. (Attorney/Agent) 37,652 Address Registration No. (Attorney/Agent) 37,652			12. P	reliminary Amendment	t	
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). S. X. Application Data Sheet. See 37 CFR 1.76 S. X. Application Data Sheet. See 37 CFR 1.76 S. X. Application Data Sheet. See 37 CFR 1.76 S. X. Application Data Sheet. See 37 CFR 1.76 S. X. Application Data Sheet. See 37 CFR 1.76 S. X. Application Data Sheet under 37 CFR 1.76 S. X. Application Data Sheet. See 37 CFR 1.76 S. X. Application Data Sheet under 37 CFR 1.76 S. X. Application Data Sheet under 37 CFR 1.76 S. X. Application Information Divisional Continuation-in-part (CIP) Of prior application No: S. X. Application Information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. X. Customer Number or Bar Code Label 24 30 9 Or Correspondence address below Control of the State Zip Code Country State Zip Code Country Telephone 408-879-6149 Fax 408-377-6137 Address Registration No. (Attorney/Agent) 37,652 State Sta	(for continuation/divisional with Box 17 complet	ied)				
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 15. X Application Data Sheet. See 37 CFR 1.76 16. Other: 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 17. Continuation Data Sheet under 37 CFR 1.76: 18. Continuation Data Sheet under 37 CFR 1.76: 19. Continuation Data Sheet under 37 CFR 1.76: 10. Other: 11. Continuation Data Sheet under 37 CFR 1.76: 11. Continuation Data Sheet under 37 CFR 1.76: 12. Continuation Data Sheet under 37 CFR 1.76: 13. Continuation Data Sheet under 37 CFR 1.76: 14. Continuation Data Sheet under 37 CFR 1.76: 15. X Nonpublication Request under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 or its equivalent. 16. Other: 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 18. Continuation Data Sheet under 37 CFR 1.76: 19. Continuation Data Sheet under 37 CFR 1.76: 10. Other: 11. Continuation No: 12. Continuation Information: 13. Continuation Pequest under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 or its equivalent. 16. Other: 17. Telephone Analysis amendment, or its equivalent. 16. Other: 17. Continuation or divisional application No: 18. Correspondent to the prior application of divisional		i. DELETION OF INVENTOR(S) 14. Certified Copy of Priority Document(s)				
17. It a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label 24309 or Correspondence address below Name Attn: Kim Kanzaki Address City State Zip Code Country Telephone 408-879-6149 Fax 408-377-6137 Name (Print/Type) , Kim Kanzaki Registration No. (Attorney/Agent) 37,652	inventor(s) named in the prior a	pplication,	15.	Nonpublication Reques (b)(2)(B). Applicant m	t under 35 U.S.C 122	15
Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Recent Customer Number or Bar Code Label 24309 or Correspondence address below Correspondence address below Correspondence address below Country State Zip Code Country Telephone 408-879-6149 Fax 408-377-6137 Country Registration No. (Attorney/Agent) 37,652 Address Registration No. (Attorney/Agent) 37,652 Continuation Continu	5. X Application Data Sheet. See 37 CFR 1.76		16. 🔲 (Other:		
Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 24309 or Correspondence address below		the requisite in	formation below and in	a preliminary amendment,		
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 24309 or Correspondence address below		tinuation-in-pa	art (CIP) of pri	or application No:		
Address City State Country Telephone 18. CORRESPONDENCE ADDRESS Or Correspondence address below Fax 408-377-6137 Registration No. (Attorney/Agent) 37,652				· · ·		•
Address City State Country Telephone 18. CORRESPONDENCE ADDRESS Or Correspondence address below Fax 408-377-6137 Registration No. (Attorney/Agent) 37,652	For CONTINUATION or DIVISIONAL APPS only: The en under Box 4b, is considered a part of the disclosure of	tire disclosu the accompa	re of the prior app mying continuation	lication, from which an on or divisional application	oath or declaration is suppl on and is hereby incorporate	ied ed by
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City State Zip Code Country Telephone 408-879-6149 Fax 408-377-6137 Name (Print/Type) , Kim Kanzaki Registration No. (Attorney/Agent) 37,652	Name Attn: Kim Kanza	ki				
Country Telephone 408-879-6149 Fax 408-377-6137 Name (Print/Type) Kim Kanzaki Registration No. (Attorney/Agent) 37,652	Address	_				
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		none	408-879-614	19 Fax	408-377-6137	۲.
	Name (Print/Type) , Kim Kanzaki		Registration	No. (Attorney/Agent)	37,652)
		1			November 18, 2003]

Burden Hour Statement: This form is estimated to take 0.7 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop: Patent Application, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

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FEE TRAN	SMITTAL	Applicati n Numb r	Unknown	
for FY 2003	Filing Date	November 18, 2003		
	First Named Inventor	William A. Wilkie		
Effective 01/01/2003. Patent fees are subject to annual revision Applicant claims small entity status. See 37 CFR 1.27		Examiner Name	Unknown	
		Art Unit	Unknown	
TOTAL AMOUNT OF PAYMENT	(\$) 1080.00	Attorney Docket No.	X-1455 US	
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METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
1. X Deposit Account:	3. ADDI Large Enti Fee Fee		EES	
Deposit Account Number 24-0040	Code	(\$)	Fee Description	Fee Paid
Deposit	1051	130	Surcharge - late filing fee or oath	
Name	1052	50	Surcharge - late provisional filing fee or cover sheet.	
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below X Credit any overpayments	147	2,520	For filing a request for reexamination	
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application	1812	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	Extension for reply within second month	
	1253	950	Extension for reply within third month	•
Large Entity Fee Fee Fee Description Fee Paid	1254	1,480	Extension for reply within fourth month	
Code (\$)	1255	2,010	Extension for reply within fifth month	
1001 770 Utility filing fee \$7.70	1401	330	Notice of Appeal	
1002 320 Design filing fee	1402	330	Filing a brief in support of an appeal	
1003 490 Plant filing fee	1403	290	Request for oral hearing	
1005 160 Provisional filing fee	1451	1,510	Petition to institute a public use proceeding	
	1452	110	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 770.00	1453	1,330	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,240	Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims 35 -20" = 15 X 19 = \$270	1460	130	Petitions to the Commissioner	1
35 01 15 16 \$270	1807	50	Processing fee under 37 CFR 1.17(q)	
Multiple Dependent National Column	1806	180	Submission of Information Disclosure Stmt	
Large Entity	8021	40	Recording each patent assignment per property (times number of properties)	\$40
Fee Fee Fee Description Code (\$)	1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	
1202 18 Claims in excess of 20 1201 86 Independent claims in excess of 3	1810	770	For each additional invention to be examined (37 CFR 1.129(b))	
1203 290 Multiple dependent claim, if not paid 1204 86 **Reissue independent claims over original patent	1801	770	Request for Continued Examination (RCE)	
1205 18 **Reissue claims in excess of 20 and over original patent	Other fe	e (specify)		1 '
SUBTOTAL (2) (\$) 270.00 "or number previously paid, if greater; For Reissues, see above	*Reduce	ed by Basi	c Filing Fee Paid SUBTOTAL (3) (\$)	40.00

SUBMITTED BY			Complete (i	if applicable)
Name (Print/Type)	Kim Kanzaki	Registration No. (Attorney/Agent) 37,652	Telephone	408-879-6149
Signature	PI		Date	11-18-2003

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This collection of information is required by 87 CFR 1.17 and 1.27. The information is required to botain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

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NONPUBLICATION REQUEST **UNDER** 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor	William A. Wilkie			
Title Method and System for a Multi-Channel Add-Compare-Select Unit				
Atty Docket Number	X-1455 US			

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

November 18, 2003

Date

Reg. No. 37,652 Kim Kanzaki

Signature

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.